



Local Situation Report

Prepared: 06_30_2014 @ 1009

Local	GACC	Nat'l
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Today's Fire Danger
MODERATE

INCIDENT SUMMARY for Yesterday

COUNTY AND STATE FIRES						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

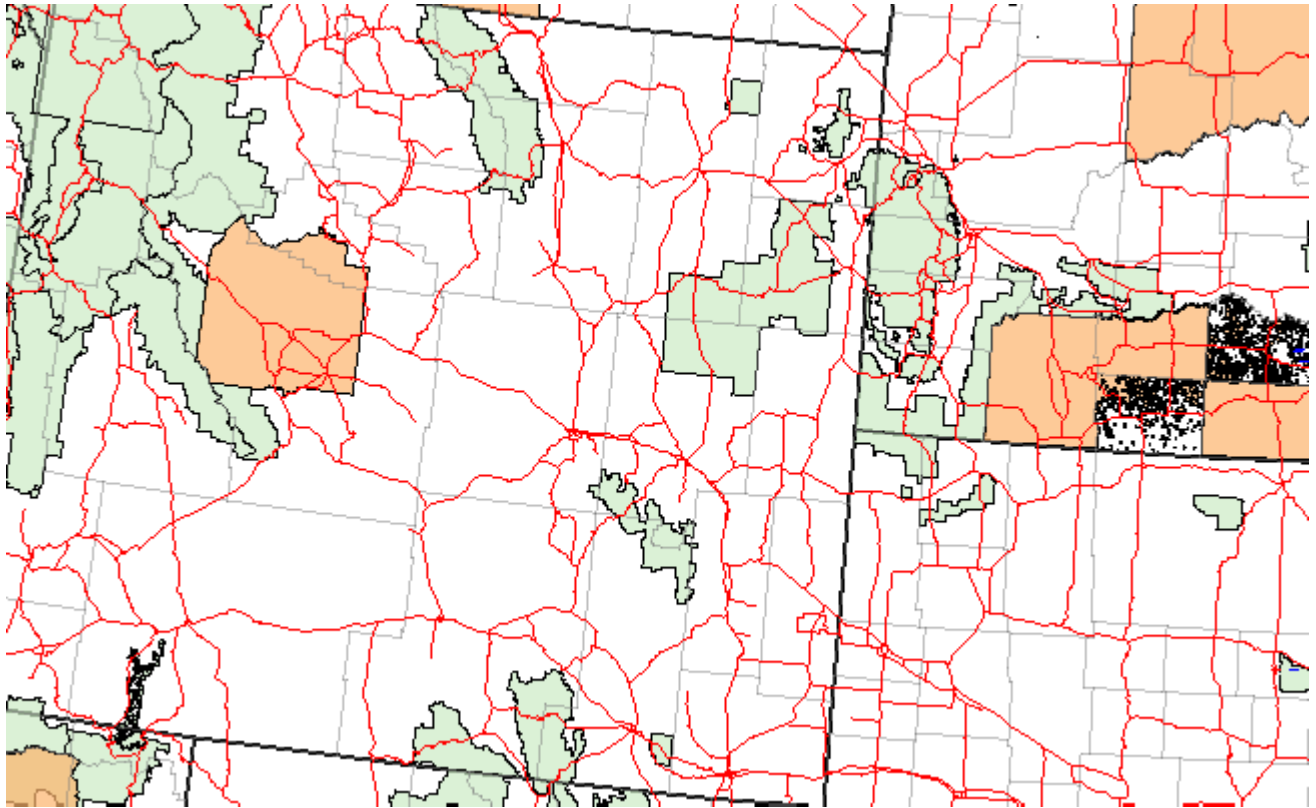
MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

WHPD BLM						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

Area Discussion:

No IA yesterday.

Lightning Map:



INDICES (forecasted/actual)

<u>FDRA</u>	Predicted Today		
	Indices	Forecasted for 6/30	Actual for 6/29
Echeta	BI	96	46
Rochelle Hills	BI	97	84
Rochelle Hills	ERC	15	16
Poker Creek	ERC	45	43
Casper Mtn	ERC	49	50
Fales Rock	BI	0	88
Esterbrook	ERC	N/A	44
Sawmill Park	ERC	N/A	53
Sandstone	ERC	N/A	62

Duty Officers for Today:

<u>Duty Officers</u>	FS - Laramie	Gonnoud
	FS - Saratoga	Hood
	FS - Douglas	Rogge
	BLM	Chapman
	State	Graham
	FS – MBF NF	Bentley
	Dispatch	Neibauer

Local Aviation Resources		Location	Status
	2TJ (Duncan) State	Duncan HB	AVAIL
	2HX (Rawlins) BLM	Rawlins	AVAIL

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0521	2050	2120
Casper	0530	2048	2118
Glenrock	0528	2046	2116
Laramie	0532	2039	2109

Fire Restriction for the zone:

[illegible]

Weather Discussion

WYZ280 -

NATRONA COUNTY/CASPER BLM

COOLER HIGH TEMPERATURES TODAY BY SOME 5 TO 10 DEGREES OVER THOSE ON SUNDAY...RANGING FROM THE UPPER 60S TO MID 70S ACROSS THE VALLEYS AND BASINS...MID 40S TO MID 50S IN THE MOUNTAINS. MINIMUM RH VALUES WILL RISE INTO THE MID AND UPPER TEENS IN ZONE 289...BUT RANGE FROM 20 TO 40 PERCENT ELSEWHERE. WINDS WILL BE GENERALLY BLOW FROM THE NORTHWEST AT 15 TO 25 MPH WITH GUSTS TO 35 MPH AT TIMES. ONE EXCEPTION WILL BE ACROSS SOUTHERN ZONE 289 WITH GUSTY DRY WEST WINDS 15 TO 25 MPH. THE COMBINATION OF GUSTY WEST WINDS AND LOWER RH VALUES ACROSS ZONE 289 WILL PRODUCE ENHANCED FIRE WEATHER CONCERNS THIS AFTERNOON...ALTHOUGH FUELS ARE NOT CONSIDERED CRITICAL AT THIS TIME. LITTLE IF ANY CHANCE FOR PRECIPITATION TODAY. TUESDAY...A FEW DEGREES COOLER ONCE AGAIN BEHIND A FRONT WITH MIN RH VALUES RISING SOME 5 TO 10 PERCENT OVER THOSE TODAY. WINDS WILL BE MOSTLY OUT OF THE NORTH AT 10 TO 20 MPH...PERHAPS A LITTLE HIGHER ACROSS ZONE 281...WITH A CHANCE FOR AN ISOLATED SHOWER OR THUNDER ACROSS MAINLY THE BIG HORN MOUNTAINS...WITH A MUCH SMALLER CHANCE TO THE EAST AND OVER ZONE 281.

.TODAY...

SKY/WEATHER.....MOSTLY SUNNY.

MAX TEMPERATURE.....70-75.

24 HR TREND.....8 DEGREES COOLER.

MIN HUMIDITY.....18-24 PERCENT.

24 HR TREND.....9 PERCENT WETTER.

20-FOOT WINDS.....NORTHWEST WINDS 10 TO 15 MPH WITH HIGHER GUSTS
UNTIL 1200...THEN AROUND 20 MPH WITH GUSTS TO
AROUND 30 MPH.

RIDGE TOP WINDS.....NORTHWEST 15 TO 20 MPH UNTIL 1200...THEN AROUND
25 MPH.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....NORTHWEST 15 TO 20 MPH UNTIL 1200...THEN AROUND
30 MPH.

MIXING HEIGHT.....2500-5000 FT AGL UNTIL 1200...THEN 5000-6500 FT
AGL.

SMOKE DISPERSAL.....FAIR TO GOOD (56000-76000 KNOT-FT) UNTIL
1200...THEN VERY GOOD (110000-130000 KNOT-FT).

HAINES INDEX.....2 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLEAR.

MIN TEMPERATURE.....42-47.

24 HR TREND.....2 DEGREES COOLER.

MAX HUMIDITY.....79-85 PERCENT.

24 HR TREND.....3 PERCENT WETTER.

HUMIDITY RECOVERY...EXCELLENT.

20-FOOT WINDS.....NORTH WINDS 10 TO 15 MPH AND GUSTY UNTIL
2400...THEN DOWNSLOPE/DOWNVALLEY 4-7 MPH.

RIDGE TOP WINDS.....NORTHWEST AROUND 20 MPH UNTIL 2100...THEN
AROUND 10 MPH UNTIL 0300...THEN WEST.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....NORTHWEST AROUND 25 MPH UNTIL 2100...THEN
AROUND 15 MPH UNTIL 0300...THEN WEST.

MIXING HEIGHT.....3000-5500 FT AGL UNTIL 2400...THEN 2000 FT AGL.

SMOKE DISPERSAL.....GOOD (70000-90000 KNOT-FT) UNTIL 2400...THEN
POOR (22000-26000 KNOT-FT).

HAINES INDEX.....2 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL
GRASSLAND

A COLD FRONT WILL PASS OVER THE REGION TODAY WITH COOLER TEMPS
BEHIND IT. TEMPS WILL BE AROUND 10-15 DEGREES COOLER THAN OVER THE
WEEKEND AND MINIMUM AFTERNOON HUMIDITY VALUES WILL GENERALLY BE IN
THE 15-20 PERCENT RANGE FOR AREAS TO THE WEST OF THE LARAMIE RANGE.
NORTHWEST WINDS WILL BE BREEZY THROUGH THE AFTERNOON WITH GUSTS TO
30 MPH. THE COOL CONDITIONS WILL CONTINUE INTO TUES BEFORE TEMPS
WARM AGAIN ON WED AND ESPECIALLY THURS. SHOWER CHANCES WILL BE SLIM
THROUGH MIDWEEK.

. TODAY . . .

SKY/WEATHER.....MOSTLY SUNNY.

MAX TEMPERATURE.....70-75.

24 HR TREND.....11 DEGREES COOLER.

MIN HUMIDITY.....21-27 PERCENT.

24 HR TREND.....13 PERCENT WETTER.

20-FOOT WINDS.....BREEZY. NORTHWEST 10 TO 25 MPH WITH GUSTS TO
AROUND 45 MPH.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....NORTHWEST 20 TO 25 MPH.

MIXING HEIGHT.....5700 FT AGL INCREASING TO 8000-8500 FT AGL IN
THE AFTERNOON.

SMOKE DISPERSAL.....GOOD (90500 KNOT-FT) INCREASING TO EXCELLENT
(179900 KNOT-FT) IN THE AFTERNOON.

HAINES INDEX.....2 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

. TONIGHT . . .

SKY/WEATHER.....MOSTLY CLEAR.

MIN TEMPERATURE.....46-51.

24 HR TREND.....2 DEGREES COOLER.

MAX HUMIDITY.....75-81 PERCENT.

24 HR TREND.....7 PERCENT DRIER.

HUMIDITY RECOVERY...GOOD.

20-FOOT WINDS.....NORTHWEST 10 TO 20 MPH. GUSTS UP TO 40 MPH
DECREASING TO 25 MPH AFTER MIDNIGHT.

LAL.....1.

CHC OF WETTING RAIN.ZERO PERCENT.

TRANSPORT WINDS.....NORTHWEST AROUND 20 MPH DECREASING TO AROUND 10
MPH AFTER MIDNIGHT.

MIXING HEIGHT.....5500-6000 FT AGL DECREASING TO 400 FT AGL AFTER
MIDNIGHT.

SMOKE DISPERSAL.....GOOD (92100 KNOT-FT) DECREASING TO POOR (3600
KNOT-FT) AFTER MIDNIGHT.

HAINES INDEX.....2 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

Weather Discussion

WYZ307 -
SNOWY RANGE/MEDICINE BOW NF

A COLD FRONT WILL PASS OVER THE REGION TODAY WITH COOLER TEMPS BEHIND IT. TEMPS WILL BE AROUND 10-15 DEGREES COOLER THAN OVER THE WEEKEND AND MINIMUM AFTERNOON HUMIDITY VALUES WILL GENERALLY BE IN THE 15-20 PERCENT RANGE FOR AREAS TO THE WEST OF THE LARAMIE RANGE. NORTHWEST WINDS WILL BE BREEZY THROUGH THE AFTERNOON WITH GUSTS TO 30 MPH. THE COOL CONDITIONS WILL CONTINUE INTO TUES BEFORE TEMPS WARM AGAIN ON WED AND ESPECIALLY THURS. SHOWER CHANCES WILL BE SLIM THROUGH MIDWEEK.

.TODAY...

SKY/WEATHER.....SUNNY.
MAX TEMPERATURE.....62-70.
24 HR TREND.....5 DEGREES COOLER.
MIN HUMIDITY.....13-19 PERCENT.
24 HR TREND.....5 PERCENT DRIER.
20-FOOT WINDS.....BREEZY. WEST 10 TO 25 MPH WITH GUSTS TO AROUND 40 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....WEST AROUND 25 MPH.
MIXING HEIGHT.....4300-5100 FT AGL INCREASING TO 6200-7300 FT AGL IN THE AFTERNOON.
SMOKE DISPERSAL.....GOOD (96500 KNOT-FT) INCREASING TO EXCELLENT (154300 KNOT-FT) IN THE AFTERNOON.
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....CLEAR.
MIN TEMPERATURE.....38-43.
24 HR TREND.....8 DEGREES COOLER.
MAX HUMIDITY.....59-65 PERCENT.
24 HR TREND.....9 PERCENT WETTER.
HUMIDITY RECOVERY...FAIR.
20-FOOT WINDS.....NORTH 10 TO 15 MPH AND GUSTY IN THE EVENING BECOMING DOWNSLOPE/DOWNVALLEY 4-7 MPH.
LAL.....1.
CHC OF WETTING RAIN.ZERO PERCENT.
TRANSPORT WINDS.....NORTH AROUND 20 MPH BECOMING NORTHEAST AROUND 10 MPH AFTER MIDNIGHT.
MIXING HEIGHT.....4500-5300 FT AGL DECREASING TO 400-900 FT AGL AFTER MIDNIGHT.
SMOKE DISPERSAL.....GOOD (79300 KNOT-FT) DECREASING TO POOR (5000 KNOT-FT) AFTER MIDNIGHT.
HAINES INDEX.....4 OR LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.